Cisco Unified IP Conference Station 7937G

Cisco® Unified Communications Solutions unify voice, video, data, and mobile applications on fixed and mobile networks, delivering a media-rich collaboration experience across business, government agency, and institutional workspaces. These applications use the network as the platform to enhance comparative advantage by accelerating decision time and reducing transaction time. The security, resilience, and scalability of the network enable users in any workspace to easily connect anywhere, anytime, and anyplace, using any media, device, or operating system. Cisco Unified Communications is part of a comprehensive solution that includes network infrastructure, security, wireless, management applications, lifecycle services, flexible deployment and outsourced management options, and third-party applications.

Product Overview

Cisco Unified IP phones provide exceptional levels of integrated business functionality and converged communications features, surpassing today's conventional voice systems and competitive offerings. As the market leader in IP telephony, Cisco continues to deliver comprehensive end-to-end data and true voice-over-IP (VoIP) solutions, offering a complete, stylish and fully featured IP phone portfolio for enterprise and small- and midsized-business (SMB) customers.

The Cisco Unified IP Conference Station 7937G (Figure 1) combines state-of-the-art wideband speakerphone conferencing technologies with award-winning Cisco voice communication technologies. The net result is a conference room phone that offers superior wideband voice and microphone quality, with simplified wiring and administrative cost benefits. A full-featured, IP-based, hands-free conference station, the new Cisco Unified IP Conference Station 7937G is designed for use on desktops, in conference rooms, and in executive suites.

Figure 1. Cisco Unified IP Conference Station 7937G

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The Cisco Unified IP Conference Station 7937G offers many improvements over the existing Cisco Unified IP Conference Station 7936. New features include:

- Superior wideband acoustics with the support of the G.722 wideband codec
- Support for IEEE Power over Ethernet (PoE) or the Cisco Power Cube 3
- Expanded room coverage up to 30 feet by 40 feet with the optional external microphone kit
- Support for a third-party lapel microphone kit
- New larger backlit liquid crystal display (LCD)
- Global localization within six months of first customer shipment (FCS)

Table 1. Cisco Unified IP Conference Station 7937G Features and Benefits Overview

Feature	Benefit
Enhanced Audio Capabilities	
Superior wideband acoustics	• Wideband frequency response is more than double that of narrowband, resulting in a richer and clearer sound. • Enhances speech quality and speaker recognition. • Provides excellent voice quality for both wideband and narrowband calls.
Expanded room coverage	Extends room coverage up to 30 feet by 40 feet with the optional Cisco Unified IP Conference Station 7937G microphone kit.
Support for third-party wireless lapel microphone kit	Allows presenters to be easily heard even if walking away from the Cisco Unified IP Conference Station 7937G microphones.
New Industrial Design	
Large backlit LCD	Increases visibility even in dark areas (255 x 128 pixels).
Enhanced dial keys	Makes dialing easier.
Four soft keys	Quickens access to features.
Enhanced Power Features	
IEEE 802.3af line power	Local power supply is not required.
Support for the Cisco Power Cube 3	Uses standard Cisco Unified IP Phone Power Supply.*
Enhanced Software Features	
Extensible Markup Language (XML) services	Support for Cisco XML services includes Cisco Unified Communications Manager and third-party directories, Cisco Web Dialer, Extension Mobility features, and Personal Assistant.
Support for Cisco Unified Communications Manager	Supports Cisco Unified Communications Manager Releases 4.1, 4.2, 4.3, 5.1, and 6.x.
Cisco Unified Communications Manager Express and Cisco Smart Business Communications System	Will support in the future.
Global Support	
Localizations provided within 6 months of FCS	Will include localized user interface and customer documentation.

* See Table 3 – Power Requirements.

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Table 2. Detailed Features of Cisco Unified IP Conference Station 7937G

Feature	Description
Directories	The Cisco Unified IP Conference Station 7937G identifies incoming messages and categorizes them for users on the screen. This feature allows users to quickly and effectively return calls using direct dial-back capability. The corporate directory integrates with the Lightweight Directory Access Protocol Version 3 (LDAPv3) standard directory.
Settings	The Settings feature key allows the user to adjust display contrast, select background images (if available), and select from a large number of unique ringer sounds through the User Preference menu. Network Configuration preferences also can be set up (usually by the system administrator). Configuration can be either automatically or manually set up for Dynamic Host Control Protocol (DHCP), Trivial File Transfer Protocol (TFTP), Cisco Unified Communications Manager, and backup Cisco Unified Communications Manager instances.
Services	The Cisco Unified IP Conference Station 7937G allows users to quickly access diverse information such as weather, stocks, quote of the day, or any Web-based information. The Cisco Unified IP Conference Station 7937G uses XML to provide a portal to an ever-growing world of applications, features, and information.
Help	The online Help feature gives users information about the phone keys, buttons, and features. The pixel display allows for more flexible feature navigation and significantly expands the information viewed when using features such as Services, Information, Messages, and Directory. For example, the Directory button can show local and server-based directory information.
Hold, Mute, and Redial Keys	The Mute key is a fixed key. When it is active, the LED flashes on the Cisco Unified IP Conference Station 7937G as well as on the optional microphone kit. Hold and Redial are provided as soft keys associated with the screen, and are always at the same position for easy access.
Display	The Conference Station has a large high-resolution, graphical 32 level grayscale, backlit display (255 x 128 pixels).
Speakerphone	The Cisco Unified IP Conference Station 7937G offers full duplex high-quality wideband speakerphone technology. Included are Automatic Gain Control, Comfort Noise Generation, Silence Suppression/Voice Activity Detection, Echo Suppression, and Dynamic Noise Reduction, which reduces noise by up to 9 dB from constant noise sources such as fans or HVAC systems.
Ethernet Switch	The internal Ethernet port allows for a direct connection to a 10/100BASE-T Ethernet network through an RJ-45 interface with single LAN connectivity for the Cisco Unified IP Conference Station 7937G. Co-locating a PC with the Cisco Unified IP Conference Station 7937G is not supported.
Volume Control	The convenient Volume Control buttons on Cisco Unified IP Conference Station 7937G provide for easy, decibel-level adjustments for the speakerphone and ringer.
Flexible Power Options	The Cisco Unified Conference Station 7937G supports IEEE 803.af PoE Class 3, which allows powering from any of the Cisco Inline Power-capable blades and boxes. In addition, the Conference Station can be powered locally with a power supply (part number CP-PWR-CUBE-3) when combined with the Cisco Unified IP Conference Station 7937G Power Splitter.
Multiple Ring Tones	Twenty-eight user-adjustable ring tones are available.
Signaling Protocol Support	The Cisco Unified IP Conference Station 7937G supports Skinny Client Control Protocol (SCCP).
Codec Support	G.711, G.729, and G.722 audio compression codecs are available.
Quality of Service (QoS) Options	The Cisco Unified IP Conference Station 7937G supports DHCP and 802.1Q/p standards. The Conference Station can also be configured with an 801.1Q VLAN header containing the VLAN ID overrides configured by the Admin VLAN ID.
Security	The Cisco Unified IP Conference Station 7937G supports device authentication via 802.1.x supplicant and 802.1x MD5-EAP.
Language Support	More than 30 languages will be supported within 6 months of FCS (dependent on Cisco Unified Communications Manager version).
Configuration Options	IP address assignment can be statically configured or configured through the DHCP client.
Voice Quality	Comfort-noise generation and voice activity detection (VAD) programming are performed on a system basis.

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Specifications

Table 3 gives specifications of the Cisco Unified IP Conference Station 7937G. Table 4 provides temperature ratings and Table 5 lists certifications for the Conference Station.

Table 3. Specifications of the Cisco Unified IP Conference Station 7937G

Specification	Description
Dimensions (H x W x D)	15 3/8 x 141/2 x 2 5/8 inches. (39.05 x 36.83 x 6.67 cm)
Weight	2.3 lbs (1040 grams)
Display	3.07 x 1.42 inches (7.8 x 3.6 cm); 255 x 128 pixels
Phone-Casing Composition	Polycarbonate acrylonitrile butadiene styrene (ABS) plastic in textured dark gray color with silver bezel
Power Requirements	The Cisco Unified IP Conference Station 7937G is interoperable IEEE 802.3af PoE (Class 3 device); 48 VDC is required; it can be supplied locally at the desktop using an optional AC-to-DC power supply (part number CP-PWR-CUBE-3=). Use of the power supply also requires the Cisco Unified IP Conference Station 7937G Power Splitter and one of the corresponding AC country cords listed in Table 7.

Temperature

Table 4. Temperature Ratings for Cisco Unified IP Conference Station 7937G

Temperature Variable	Description
Operating Temperature	32 to 104°F (0 to 40°C)
Relative Humidity	10 to 95% (noncondensing)
Storage Temperature	–40 to 185°F (–40 to 85°C)

Certifications

Table 5. Certifications

Certification	Description
Regulatory Compliance	CE marking
Safety	• Underwriters Laboratories (UL) 60950 • Canadian Standards Association (CSA) C22.2 No. 60950 • IEN 60950-1 • AS/NZS 60950-1
Electromagnetic Compatibility (EMC)	• Federal Communications Commission (FCC) Part 15 (CFR 47) Class B • ICES-003 Class B • EN55022 Class B • CISPR22 Class B • AS/NZ 3548 CISCPR 22 Class B • VCCI Class B • EN55024 • EN61000-6-1 • EN 61000-3-2 • EN 61000-3-3

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Ordering Information

Table 6 gives ordering information for the Cisco Unified IP Conference Station 7937G.

Table 6. Ordering Information for Cisco Unified IP Conference Station 7937G

Part Number	Description
CP-7937G	Cisco Unified IP Conference Station 7937G
CP-7937G=	Cisco Unified IP Conference Station 7937G, spare
CP-7937-MIC-KIT	*Optional Microphone Kit for Cisco Unified IP Conference Station 7937G
CP-7937-MIC-KIT=	*Optional Microphone Kit for Cisco Unified IP Conference Station 7937G, spare
CP-7937-PWR-SPL	Optional Power Splitter for Cisco Unified IP Conference Station 7937G when using the Cisco Power Cube 3
CP-7937-PWR-SPL=	Optional Power Splitter for Cisco Unified IP Conference Station 7937G when using the Cisco Power Cube 3, spare
SW-CCM-UL-7937	Pre-5.x Cisco Unified Communications Manager User License for Cisco Unified IP Conference Station
SW-CCM-UL-7937=	Pre-5.x Cisco Unified Communications Manager User License for Cisco Unified IP Conference Station, spare

Note: All Cisco Unified IP phones require the purchase of a phone technology license, regardless of call protocol being used.

Power Cords

Table 7 lists the AC country power cords needed for the Cisco Unified IP Conference Station 7937G if using the Cisco Power Cube 3.

Table 7. AC Country Power Cords

Part Number	Description
CP-PWR-CORD-AP=	Asia Pacific
CP-PWR-CORD-AR=	Argentina
CP-PWR-CORD-AU=	Australia
CP-PWR-CORD-CE=	European community
CP-PWR-CORD-CN=	China
CP-PWR-CORD-JP=	Japan
CP-PWR-CORD-NA=	North America
CP-PWR-CORD-SW=	Switzerland
CP-PWR-CORD-UK=	United Kingdom

Warranty

Cisco Unified IP phones and conference stations are covered by a Cisco standard one-year replacement warranty.

Cisco Unified Communications Services

Cisco and its certified partners can help you deploy a secure, resilient Cisco Unified Communications solution, meeting aggressive deployment schedules and accelerating business advantage. Cisco's portfolio of services is based on proven methodologies for unifying voice, video, data, and mobile applications on fixed and mobile networks.

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